

101629185



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: YOSHIZOE  
 PATENT NO: 7,136,134  
 ISSUED: November 14, 2006  
 FOR: Method For Manufacturing Liquid Crystal Display Panel Using ....  
 GROUP: 2871  
 EXAMINER: Andrew Schechter DOCKET: NEC 219824

Attention: Certificate of Corrections Branch  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**Certificate**  
 MAR 30 2007  
**of Correction**

**PETITION FOR CERTIFICATE OF CORRECTION**

Dear Sirs:


Hidefumi YOSHIZOE, the Patentee of the above-identified patent, through his attorney, hereby petitions for issuance of a Certificate of Correction in the above-identified patent. A Certificate of Correction (PTO form 1050) is enclosed, in duplicate. The Certificate of Correction is required to correct printing errors occurring in two of the claims.

Claim 11, Col. 7, line 36, "wound" should be --around--.

Claim 24, Col. 10, line 13, "trough" should be --through--.

Since the errors were Patent Office errors, it is believed that the Certificate of Correction should be issued without charge to the Applicant. A correct copy of Claims 11 and 24 appearing in Amendment D, page 4 and page 9 respectively is attached.

Respectfully submitted,

  
 Norman P. Soloway  
 Attorney for Patentee  
 Reg. No. 24,315

HAYES SOLOWAY P.C.  
 3450 E. SUNRISE DRIVE  
 SUITE 140  
 TUCSON, AZ 85718  
 TEL. 520.882.7623  
 FAX. 520.882.7643

175 CANAL STREET  
 MANCHESTER, NH 03101  
 TEL. 603.668.1400  
 FAX. 603.668.8567

MAR 28 2007

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 27, 2007 at Tucson, Arizona.

By:



NPS:dai

HAYES SOLOWAY P.C.  
3450 E. SUNRISE DRIVE,  
SUITE 140  
TUCSON, AZ 85718  
TEL. 520.882.7623  
FAX. 520.882.7643

175 CANAL STREET  
MANCHESTER, NH 03101  
TEL. 603.668.1400  
FAX. 603.668.8567

APR 2 - 2007

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,136,134

DATED : November 14, 2006

INVENTOR(S) : YOSHIZOE, Hidefumi

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 11, Col. 7, line 36, "wound" should be --around--.

Claim 24, Col. 10, line 13, "trough" should be --through--.

MAILING ADDRESS OF SENDER (Please do not use customer number

Hayes Soloway P.C.  
3450 E. Sunrise Drive, Suite 140  
Tucson, AZ 85718

PATENT NO. 7,136,134

No. of additional copies

→ 1

APR 2 2007

attaching a first substrate to a second substrate with a seal member and an auxiliary member to form said panel, said seal member forming an internal space and having an injection inlet for liquid crystal injection, said auxiliary member being arrayed around said seal member, wherein said seal member is formed with an air outlet forming member connected to said injection inlet, said air outlet forming member being extended toward a peripheral end of the panel, and said air outlet forming member is formed therein with an air outlet auxiliary member for forming an air outlet;

forming a cut line between said seal member and said auxiliary member;

cutting said panel along said cut line to traverse said air outlet forming member; and

injecting liquid crystal through said injection inlet

wherein said seal member, said auxiliary member and said air outlet are formed such that ~~an unobstructed straight line~~ <sup>a plurality of</sup> air outlet ~~[[path]]~~ paths between said injection inlet and a peripheral of said liquid crystal display panel ~~is created~~ are unobstructed and straight.

**Claim 11 (currently amended):** A method for manufacturing a liquid crystal display panel, the method comprising:

preparing a first substrate and a second substrate;

forming a seal member, an auxiliary member, and air outlet forming members on one of said substrates, wherein said seal member forms an internal space and has an injection inlet for liquid crystal injection, said auxiliary member is arrayed around said seal member, said air outlet forming members are formed with said auxiliary member and said air outlet forming members are connected to said injection inlet and extended toward a peripheral end of said panel;

HAYES SOLOWAY P.C.  
3450 E. SUNRISE DRIVE  
SUITE 140  
TUCSON, AZ 85718  
TEL. 520.882.7623  
FAX. 520.882.7643

175 CANAL STREET  
MANCHESTER, NH 03101  
TEL. 603.668.1400  
FAX. 603.668.8567

APR 2 - 2007

inlet for liquid crystal injection, said auxiliary member being arrayed around said seal member, wherein said seal member is formed with an air outlet forming member connected to said injection inlet, said air outlet forming member being extended toward a peripheral end of the panel, and said air outlet forming member is formed therein with an air outlet auxiliary member for forming an air outlet;

forming a cut line between said seal member and said auxiliary member;

cutting said panel along said cut line to traverse said air outlet forming member; and

injecting liquid crystal through said injection inlet,

wherein said air outlet forming member is aligned parallel to said air outlet auxiliary member in order to maintain constant a gap therebetween, and

the gap between said air outlet auxiliary member and said air outlet forming member is 2 mm or more but not more than 7 mm.

**Claim 24 (previously presented):** A method for manufacturing a liquid crystal display panel, the method comprising:

attaching a first substrate to a second substrate with a seal member and an auxiliary member to form said panel, said seal member forming an internal space and having an injection inlet for liquid crystal injection, said auxiliary member being arrayed around said seal member, wherein said seal member is formed with an air outlet forming member connected to said injection inlet, said air outlet forming member being extended toward a peripheral end of the panel, and said air outlet forming member is formed therein with an air outlet auxiliary member for forming an air outlet;

forming a cut line between said seal member and said auxiliary member;

cutting said panel along said cut line to traverse said air outlet forming member; and  
injecting liquid crystal through said injection inlet,  
wherein said air outlet forming member is aligned parallel to said air outlet auxiliary  
member in order to maintain constant a gap therebetween, and  
the gap between said peripheral end of said panel and the distal ends of both said air  
outlet auxiliary member and said air outlet forming member is not more than 3 mm.

HAYES SOLOWAY P.C.  
3450 E. SUNRISE DRIVE  
SUITE 140  
TUCSON, AZ 85718  
TEL. 520.882.7623  
FAX. 520.882.7643

175 CANAL STREET  
MANCHESTER, NH 03101  
TEL. 603.668.1400  
FAX. 603.668.8567

APR 21 2007